



RESEARCH & DEVELOPMENT UNDERWAY *Volunteers Lend Expertise to Pentagon Memorial Effort*



Photo taken following the working meeting at the University of Virginia. Pictured from left to right are Julie Beckman, Pentagon Memorial Concept Designer, KBAS; Jill Dowling, Director of Cultural Resources, Lee and Associates; Keith Kaseman, Pentagon Memorial Concept Designer, KBAS; Dr. Robert G. Kelly, Co-Director of the Center for Electrochemical Science and Engineering, UVA; Nate Weiss, Chief of Memorial Unit Research and Fabrication, Centex.

In early October, Pentagon Memorial concept designers Julie Beckman and Keith Kaseman began working with Centex Lee, the contractor selected to build the Pentagon Memorial. While utility and geotechnical survey work began in the field, the design team's initial activities consist of research and development related to the cast metal Memorial Units, the stabilized gravel that will support both the Memorial Units and the park's trees, and the unique finish of the Unit's seating surface.

An extremely high level of coordination, research and development is required for the production of the Memorial Unit. The distinct features of the unit are unprecedented in a Memorial Park setting and to address these issues, the Centex Lee team sought experts in material sciences and engineering, corrosion, and metals.

To date, a dozen experts have contributed their time and expertise in reviewing the park design and considering performance criteria developed by the design team. The team was fortunate to find a significant and generous source of local expertise in the University of Virginia's Department of Materials Science and Engineering. Dr. Edgar A. Starke, the Earnest Jackson Oglesby Professor of Science and Professor of Engineering, coordinated a meeting held in Charlottesville. Dr. Robert G. Kelly, Co-Director of the Center for Electrochemical Science and Engineering was a key participant. The results of this working meeting and ongoing research into the Memorial Units and related issues will play a critical role in design development.

<http://memorial.pentagon.mil>

SEVEN WAYS TO PARTICIPATE

- Visit the project web site on a regular basis to stay informed.
- Share the monthly newsletter with family and friends.
- Attend the monthly meetings. Generally held on a Friday morning from 10:00 to 12:00 in the PENREN "Patriot" Conference Room. Free parking is provided and meetings are also accessible by Metro.
- Request a guest speaker from the Memorial team to make a presentation at your next business luncheon, organization meeting or school function. Topics might include concept design creation, strategies for team building, or just a general project update.
- Write letters or e-mails discussing your thoughts on the Pentagon Memorial, the progress and efforts of the team. Your letters could be published in this newsletter or on the web site, read at the monthly meeting, shared with the design team or kept private at your request (see contact info below). *Criticisms are as valuable as praise.*
- Volunteer to help at upcoming fundraising events or represent the project at charity fairs.
- Talk with your business or organization about making a donation or sponsoring a fundraiser.



CONTACT THE PENTAGON MEMORIAL TEAM

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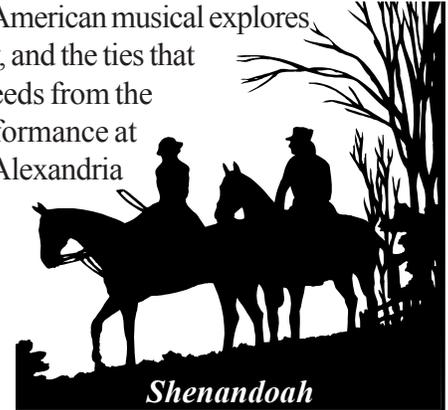
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Pentagon Memorial News is an authorized publication of the Department of Defense, intended for the families of the victims of the 9/11/01 attack on the Pentagon. Contents of *Pentagon Memorial News* are not necessarily the official views of, or endorsed by, the U.S. Government or the Department of Defense. Material from this publication may be reproduced without permission.

BENEFIT PERFORMANCE of *Shenandoah* at the Little Theatre of Alexandria

This classic American musical explores hearth, home, family, and the ties that bind them. All proceeds from the January 9, 2004 performance at the Little Theatre of Alexandria benefit the Pentagon Memorial. Tickets are available for a \$40 minimum donation.



E-mail Kathy Dillaber at PentMemorial@yahoo.com for more information. A special reception will be held after the show!

RECENT EVENTS

10/17/03 - Pentagon Memorial Team Meeting
10/26/03 - CFC Kickoff

ANTICIPATED EVENTS

11/06/03 - Bachelor Auction Fundraiser at Sine Irish Pub at Pentagon Row.
11/15/2003 - American Legion Fundraiser, Old Town Alexandria, VA (see web site for details).
11/21/03 - Pentagon Memorial Team Meeting at PENREN Office.
01/09/04 - Benefit performance of "Shenandoah" at Little Theatre of Alexandria.

*Please contact Brett Eaton
to participate in upcoming events:
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703-693-8933*

Fifteen members of the Washington Chapter of the American Society of Military Comptrollers lost their lives in the attack on the Pentagon. In tribute to these members, the chapter made a \$1,500 donation to the Pentagon Memorial at the Memorial meeting on October 17.

